

THE NATIONAL INSTITUTE OF ENGINEERING, MYSURE

Proceedings of the 16th Academic Council Meeting held on July 11, 2015 (Saturday) at 11 am in Sir. M.V Hall, Golden Jubilee Block of NIE.

Members:

1. Dr. G.L.Shekar, Chairman, Academic Council and Principal
2. Mr. Sudhanva, CEO, Excel Soft, Mysore
3. Dr. R.Nagaraja, Managing Director, PRDC, Bangalore
4. Dr. K.S.Nanjunda Rao, Principal Scientific Officer, Civil Engineering Division, IISc, Bangalore
5. Mr. K.Rajanikanth, Founder Director, P4P Consulting, Bangalore - **on leave**
6. Dr. Muralidhar Kulkarni, Professor, Dept. E &C Engg., NITK , Suratkal
7. Prof. Basavaraj S. Anami, Principal, KLE Institute of Technology, Hubli - **on leave**
8. Dr. G.U.Kulkarni, Dean - Faculty Affairs, Chemistry & Physics of Materials Unit and DST Unit on Nanoscience, Associate Faculty Member, ICMS JNCASR, Bengaluru - **on leave**
9. Dr. Srikanta Guptha, CEO, SPADMA Robotics and Innovations Pvt. Limited, Mysuru - **on leave**
10. Dr. B.K.Sridhar, Professor, Dept. of MEC and Dean (Academic Affairs)
11. Dr. T.Ananthapadmanabha, Professor, Dept. of EEE and Controller of Examination
12. Dr. Bansilal, Dean (Administration & Development), Professor, Dept. of EEE
13. Dr. G.Ravi, Professor, Dept. of CIV and Head, IQAC
14. Dr. G.Sarangapani, HoD, CIV
15. Dr. N.V.Raghavendra, HoD, MECH
16. Dr. H.V.Saikumar, HoD, EEE
17. Dr. Rohini Nagapadma, HoD, ECE
18. Dr. H.N.Divakar, HoD, IPE
19. Dr. G.Raghavendra Rao, HoD, CSE
20. Dr. K.Raghuveer, HoD, ISE
21. Mr. Rampur Srinath, HoD, PGS
22. Dr. S.Doreswamy, HoD, PHY
23. Dr. L.Sukanya Ravishankar, HoD, CHE
24. Dr. D.Mamta, HoD, MATHS
25. Dr. Aravindrao M. Yadwad, Asso. Professor, MECH
26. Smt. K.V.Nagalakshmi, Asso. Professor, ECE
27. Mr. C.N.Chinnaswamy, Asso. Professor, ISE
28. Mr. S.Parameashwar, Asst. Professor, ECE
29. Maj. Gen. (Rtd) Prakash, H.R Head, T & P
30. Dr. K.M Subbaiah, Dy. Dean (AA)
31. Dr. Y.S.Varadarajan, Member Secretary and Professor, Dept. of IPE, NIE

1	<p>To read and record the meeting notice</p> <p>Principal and Chair Person, Dr. G.L Shekar initiated the proceedings of the meeting by welcoming the honorable members. Meeting notice was read and recorded.</p>				
2	<p>To read and confirm the proceedings of the 15th Academic Council meeting held on March 7, 2015</p> <p>Principal read the proceeding and apprised the members of the action taken. Proceedings read and confirmed.</p> <p>Major events since March 8, 2015:</p> <p>Principal gave a brief presentation on the important activities that took place at NIE after the 15th Academic Council Meeting (March 7, 2015 to July11, 2015). The council members appreciated the activities.</p> <p>Dr. Nanjunda Rao appreciated the awareness workshop on Sexual Harassment and Sensitization organized for the staff of NIE. He suggested conducting similar workshop for students also.</p> <p>Dr. Muralidhara Kulkarni suggested that students can apply for Visvesvaraya Ph.D scheme of Government of India in the discipline of Electronics and IT Engineering for getting stipend.</p>				
3	<p>To consider and approve:</p>				
	a	<p>B.E. Programme:</p>			
	i	<p>Scheme of teaching and examination of 1st & 2nd semester B.E. programme (Common to all branches) to be effective from the academic year 2015-16</p> <p>Dr. Mamta, Head, Department of Mathematics presented the details. Heads of Chemistry and Physics departments joined the discussions. Mr. Sudhanva emphasized the need to incorporate application problems in Mathematics.</p> <p>The agenda was approved with suggestions to incorporate the above.</p>			
	ii	<p>Syllabus of 1st & 2nd semester B.E. programme (Common to all branches) to be effective from the academic year 2015-16</p> <p>Approved</p>			
	iii	<p>Scheme of teaching, examination and syllabus:</p>			
		<p>Description</p>	<p>Semester/s</p>	<p>Year of admission</p>	<p>BE programme</p>
	<p>Scheme of teaching and examination</p>	<p>3rd – 8th</p>	<p>2014-15</p>	<p>CIV / MEC / EEE / ECE / IPE / CSE / ISE</p>	
<p>Syllabus</p>	<p>3rd & 4th</p>	<p>2014-15</p>			
<p>Syllabus</p>	<p>5th & 6th</p>	<p>2013-14</p>			
<p>Syllabus</p>	<p>7th & 8th</p>	<p>2012-13</p>			

	<p>Civil Engineering: Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Civil Engineering (for the batch admitted during the academic year 2014-15) Approved</p>
<p>Syllabus of 3rd & 4th semester B.E. programme in Civil Engineering (for the batch admitted during the academic year 2014-15) Approved</p>	
<p>Syllabus of 5th & 6th semester B.E. programme in Civil Engineering (for the batch admitted during the academic year 2013-14) Approved</p>	
<p>Syllabus of 7th & 8th semester B.E. programme in Civil Engineering (for the batch admitted during the academic year 2012-13) Approved</p>	
<p>Mechanical Engineering: Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Mechanical Engineering (for the batch admitted during the academic year 2014-15) Approved</p>	
<p>Syllabus of 3rd & 4th semester B.E. programme in Mechanical Engineering (for the batch admitted during the academic year 2014-15) Approved</p>	
<p>Syllabus of 5th & 6th semester B.E. programme in Mechanical Engineering (for the batch admitted during the academic year 2013-14) Approved</p>	
<p>Syllabus of 7th & 8th semester B.E. programme in Mechanical Engineering (for the batch admitted during the academic year 2012-13) Approved</p>	
<p>Electrical & Electronics Engineering: Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Electrical & Electronics Engineering (for the batch admitted during the academic year 2014-15) Dr. Muralidhara Kulkarni suggested that the duration of internship for UG students could be at least 4 weeks. The scheme was approved</p>	
<p>Syllabus of 3rd & 4th semester B.E. programme in Electrical & Electronics Engineering (for the batch admitted during the academic year 2014-15) Dr. Nagaraja offered to give inputs for reviewing the content of the course on “PLC and Scada”. Dr. N.V Raghavendra highlighted on the new laboratory that is being set up under FIST Project funded by DST which could be utilized for conducting practical in the said course. The syllabus was approved</p>	

	<p>Syllabus of 5th & 6th semester B.E. programme in Electrical & Electronics Engineering (for the batch admitted during the academic year 2013-14)</p> <p>Approved</p>
<p>Syllabus of 7th & 8th semester B.E. programme in Electrical & Electronics Engineering (for the batch admitted during the academic year 2012-13)</p> <p>Approved</p>	<p>Electronics & Communication Engineering:</p> <p>Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Electronics & Communication Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>
<p>Syllabus of 3rd & 4th semester B.E. programme in Electronics & Communication Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>	<p>Syllabus of 5th & 6th semester B.E. programme in Electronics & Communication Engineering (for the batch admitted during the academic year 2013-14)</p> <p>Approved: However Dr. Muralidhara Kulkarni suggested that</p> <ul style="list-style-type: none"> ➤ The course “Data Structures using C++” may be shifted to earlier semester. ➤ MIMO to be introduced as a topic in any appropriate elective course.
<p>Syllabus of 7th & 8th semester B.E. programme in Electronics & Communication Engineering (for the batch admitted during the academic year 2012-13)</p> <p>Approved</p>	<p>Industrial & Production Engineering:</p> <p>Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Industrial & Production Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Dr. B.K Sridhara pointed out that the number of credits in 7th semester is more and suggested to shift one course from 7th to 8th semester to have credit balance.</p> <p>The scheme was approved with the suggestions to incorporate the above.</p>
<p>Syllabus of 3rd & 4th semester B.E. programme in Industrial & Production Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>	<p>Syllabus of 5th & 6th semester B.E. programme in Industrial & Production Engineering (for the batch admitted during the academic year 2013-14)</p> <p>Approved</p>
<p>Syllabus of 7th & 8th semester B.E. programme in Industrial & Production Engineering (for the batch admitted during the academic year 2012-13)</p> <p>Approved</p>	

	<p>Computer Science & Engineering:</p> <p>Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Computer Science & Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>			
	<p>Syllabus of 3rd & 4th semester B.E. programme in Computer Science & Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>			
	<p>Syllabus of 5th & 6th semester B.E. programme in Computer Science & Engineering (for the batch admitted during the academic year 2013-14)</p> <p>Approved</p>			
	<p>Syllabus of 7th & 8th semester B.E. programme in Computer Science & Engineering (for the batch admitted during the academic year 2012-13)</p> <p>Approved</p>			
	<p>Information Science & Engineering:</p> <p>Scheme of teaching and examination of 3rd to 8th semester B.E. programme in Information Science & Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Dr. Nagaraja felt that studying three electives in 8th semester is difficult as the students will be carrying out project work.</p> <p>Dr. Muralidhara kulkarni supported Dr. Nagaraja.</p> <p>Finally, it was resolved to shift one elective from 8th semester to 7th semester.</p> <p>The Scheme was approved with the suggestions to incorporate the above</p>			
	<p>Syllabus of 3rd & 4th semester B.E. programme in Information Science & Engineering (for the batch admitted during the academic year 2014-15)</p> <p>Approved</p>			
	<p>Syllabus of 5th & 6th semester B.E. programme in Information Science & Engineering (for the batch admitted during the academic year 2013-14)</p> <p>Approved</p>			
	<p>Syllabus of 7th & 8th semester B.E. programme in Information Science & Engineering (for the batch admitted during the academic year 2012-13)</p> <p>Approved</p>			
b	M.Tech Degree			
	Scheme of teaching, examination and syllabus:			
	Description	Semester/s	Year of admission	M.Tech Programme
	Scheme of teaching, examination and syllabus	1 st – 4 th	2015-16	HYD / SE / PS / CAID / PEST / IAR / MD / NANO / IT / CNE

	<p>Scheme of teaching and examination of M.Tech programme in 1) Hydraulics and 2) Structural Engineering (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in 1) Hydraulics and 2) Structural Engineering (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in 1) Power Systems and 2) Computer Applications to Industrial Drives (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in 1) Power Systems and 2) Computer Applications to Industrial Drives (to be effective from the academic year 2015-16) Dr. Nagaraja suggested that the course content of SCADA as taught in the two M.Tech Programmes of CAID and Power Systems should be different. He also emphasized the need for strengthening the experiments in the laboratory component of the course “Advanced Power System Analysis and Stability” offered to students of M.Tech in Power Systems. The Syllabus was approved with the suggestions to incorporate the above</p>
	<p>Scheme of teaching and examination of M.Tech programme in Production Engineering & Systems Technology (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Production Engineering & System Technology (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in Industrial Automation & Robotics (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Industrial Automation & Robotics (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in Machine Design (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Machine Design (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in Nano Technology (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Nano Technology (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in Information Technology (to be effective from the academic year 2015-16) Approved</p>

	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Information Technology (to be effective from the academic year 2015-16) Approved</p>
	<p>Scheme of teaching and examination of M.Tech programme in Computer Network Engineering (to be effective from the academic year 2015-16) Approved</p>
	<p>Syllabus of 1st to 4th semesters of M.Tech programme in Computer Network Engineering (to be effective from the academic year 2015-16) Approved</p>
c	<p>Master of Computer Applications (MCA):</p>
	<p>Scheme of teaching, examination and syllabus of 1st to 6th semester for the batch admitted during 2015-16 Approved</p>
d	<p>Provisional list of successful candidates for the conferment of B.E. programme (2011-15: 5th autonomous batch) in the following disciplines:</p>
i	<p>Civil Engineering Approved</p>
ii	<p>Mechanical Engineering Approved</p>
iii	<p>Electrical & Electronics Engineering Approved</p>
iv	<p>Electronics & Communication Engineering Approved</p>
v	<p>Industrial & Production Engineering Approved</p>
vi	<p>Computer Science & Engineering Approved</p>
vii	<p>Information Science & Engineering Approved</p>

e	<p>Examination Results of Even Semester 2014-15:</p> <p>B.E Programme in: Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Industrial & Production Engineering, Computer Science & Engineering and Information Science & Engineering</p> <p>Dr.Muralidhara Kulkarni suggested to introduce a “ Summer term” or “Accelerated term” at least for final year students so that they can complete the programme in the stipulated duration</p> <p>Examinations results were approved with the suggestions to incorporate the above.</p> <p>M.Tech Programme in: Hydraulics, Structural Engineering (SE), Information Technology (IT), Computer Network Engineering (CNE), Electrical Power Systems (EPS), Computer Applications to Industrial Drives (CAID), Production Engineering and System Technology (PEST), Industrial Automation and Robotics (IAR), Nano Technology and Machine Design.</p> <p>Approved</p> <p>MCA Programme:</p> <p>Approved</p>
f	<p>List of students appearing for Make-Up Term Examination (MUTE) who may become eligible for award of degree</p> <p>Approved</p>
g	<p>List of students permitted to write MUTE with ‘I’ grade</p> <p>Approved</p>
h	<p>Conduct of Graduation Ceremony scheduled on August 22, 2015</p> <p>Approved</p>
i	<p>Calendar of academic events for the odd semester of 2015-16</p> <p>Prof. Muralidhara Kulkarni suggested indicating week wise calendar of events.</p> <p>Calendar of Academic events was approved with the suggestions to incorporate the same.</p>
j	<p>Minor modifications / amendments to Academic Regulations</p> <p>Approved</p>
k	<p>Revised manual for conduction of examination</p> <p>Approved</p>
l	<p>Digital Valuation</p> <p>Approved</p>
m	<p>Dual Valuation for PG Programme</p> <p>All external members expressed their reservation in adopting this policy as it directly reflects on the loss of confidence in the Autonomous System / Faculty.</p> <p>They suggested tightening the process of evaluations instead and adopting the closed review as practiced for UG Programmes.</p> <p>It was resolved to adopt the above policy.</p>

	n	Recommendations of Malpractice Enquiry Committee Accepted
4	To Read and record	
	a	Placement statistics of the year 2011-15: 5 th autonomous batch Prof. Muralidhara Kulkarni suggested that the placement office should take the initiative to accommodate students for internship; also he emphasized the need for improving the placements for PG Students. Read and recorded
	b	Academic accomplishments All the Heads of the department during their presentation highlighted the Academic accomplishments of their departments after the 15 th Academic Council Meeting

Dr. G.L Shekar, Principal and Chairperson proposed vote of thanks

Sd/-
Principal